A N Y S C A N 2
Operation Manual

Caisley
INTERNATIONAL GMBH

Harderhook 31

46395 Bocholt

Germany

Tel.: +49 (0) 2871 239390

E-Mail: info@caisley.de

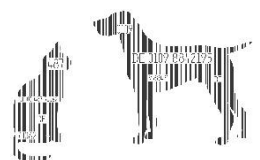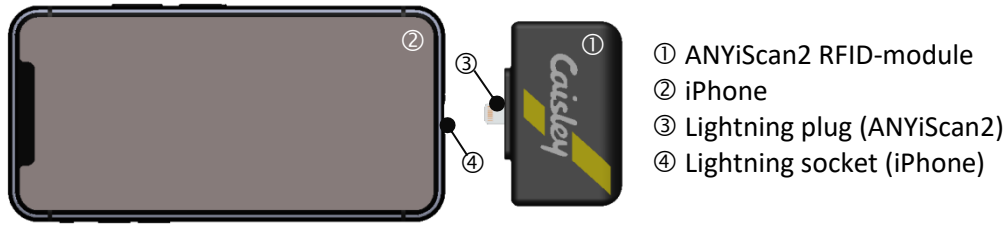# Table of contents

1 Description

① ANYiScan2 RFID-module
② iPhone
③ Lightning plug (ANYiScan2)
④ Lightning socket (iPhone)

2 General information

Please read the user manual carefully before using the ANYiScan2 RFID reader module. The illustrations in this document are for reference only and may differ from the original.

2.1 Important information

- The device is designed for contactless reading of electronic animal identification (RFID) according to ISO 11784 and ISO 11785.
- The ANYiSan2 is compatible with iOS 12.4 or higher and can be used with iPhone 5s and newer models.
- The warranty will be void if the device is misused.

2.2 Safety instructions

- Use the device only for its intended purpose according to these operating instructions.
- Attention, this product is not a toy. The ANYiScan2 contains small parts that could be swallowed by children.
- A damaged device must not be used.
- Do not open the device. It may cause irreversible damage to the electronic components.
- The ANYiScan2 must be protected from water and other liquids. It is not waterproof.
- cleaning please refer to the instructions in "5.1 Cleaning and Care".
- ANYiScan2 from shocks and impacts. Do not drop the device.
- the device from dirt and dust.
- not use the device if it is not working properly, has been dropped or dropped into liquid or if it has been damaged.

2.3 Notes regarding the ANYiScan App

- Make sure that your Apple device is running the latest operating system. Please refer to your Apple device user manual for software updates.
- Make sure that the Apple device is sufficiently charged.

2.4 Scope of delivery and packaging

Please check first whether the scope of delivery is complete and shows no signs of damage. If in doubt, do not operate the device and contact your dealer.
The scope of delivery includes:

- ANYiScan RFID-Reader
- Manual German
- Manual English

Packaging is reusable or can be returned to the raw material cycle. Please dispose any packaging material that is no longer required.

2.5 Things to know about reading electronic animal tags (RFID)

RFID is used in many different sectors for electronic tagging and identification. In different areas of application, the transmission frequencies are different. The ANYiScan2 is suitable for reading electronic animal identification tags with ISO 11784/11785 standard, other RFID labels (e.g. from warehouse logistics) cannot be read with this product.

There are different radio-frequency standards for electronic animal identification. The ANYiScan2 is suitable for reading transponders with the FDX-B as well as the HDX standard.

3 Installation of the ANYiScan App

To start up your new ANYiScan2 you need the free ANYiScan App. You can download and install it from the Apple App Store.

- To search for the ANYiScan App in the App Store use the term "ANYiScan".
- If the software was successfully installed, the ANYiScan App icon will appear on your device.

Note: For this download you need an Apple ID with email address and password and an active internet connection. Downloading the software may incur charges from your phone/internet provider.

4 Application

4.1 Structure of the app

The app contains six layers, so-called masks. The name of the current mask can be read in the upper grey area as a heading.

- Center: The Center is the start mask of the app, from here you can access the function of the reader ("Reader") or the memory ("Stock"). You will enter the Reader Mode as soon as you have connected your ANYiScan2 to your Apple device (see "4.2.1 Start"). You can access the memory ("Stock") as soon as you have read your first RFID numbers.
- Reader: In the Reader mask, RFID labels can be read out and then displayed (see "4.3.1 Reading RFID numbers").
- Stock: This is the storage of the read RFID numbers. Here you can view the previous readings with the corresponding data. You can also delete numbers (see "4.4.2 Deleting the stored data") or initiate a transfer of numbers (see "4.4.1 Storage of read numbers"). From this screen, you can also access the RFID numbers that have been read in order to store notes (see "4.4.4 Storing notes and treatments").
- RFID-Number: From the memory ("stock") you can access this mask, which has the individual RFID number as heading. You can also access this mask from the mask "Reader". Here you can enter notes and treatments (see "4.4.4 Storing notes and treatments").
- Send: In this mask, an e-mail with attached files can be created to transfer the data from the memory to a PC. (see "4.5.1 Transferring data from the storage").
- Scan time: In this mask the readout time can be set in a range between two and five seconds (see "4.6 Scan Time"). You reach this mask via the "Reader" mask. Center
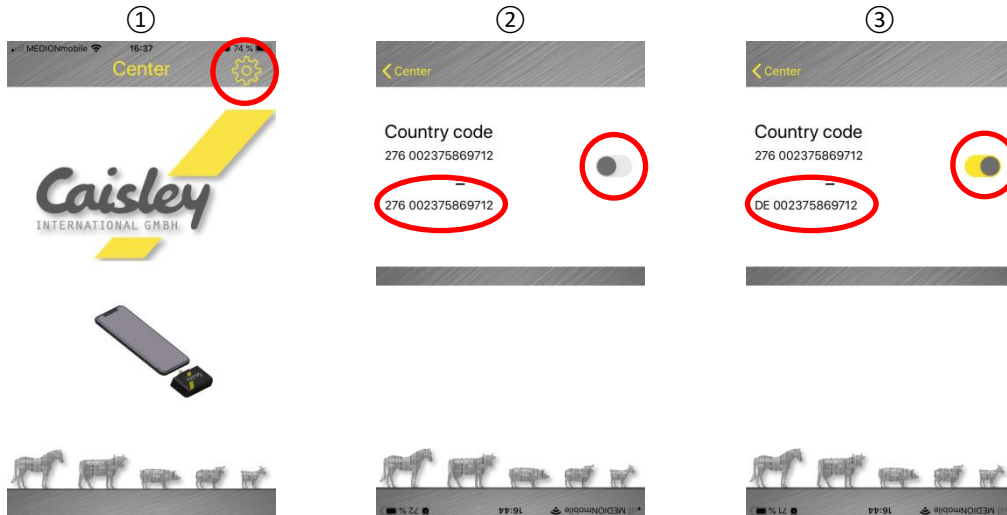
4.2 Center

4.2.1 Start

- Start the ANYiScan app by touching the icon on your Apple device.
- The ANYiScan App launches in the "Center" mask. If you open the ANYiScan App and do not have connected your ANYiScan2, an animated picture will prompt you to connect your ANYiScan2. Connect the ANYiScan2 according to the animation. To do so, insert the Lightning plug of your ANYiScan2 into the Lightning socket of your Apple device. (see ①)
- If the ANYiScan2 is properly connected, the animated image disappears and the "ANYiScan Full ISO" button appears. The screen rotates, so you should rotate your Apple device by 180°. (see ② and ③)

Note: If your Apple device does not recognize the ANYiScan2 it may be because the ANYiScan2 was not pushed far enough into the Lightning socket. Please note that ANYiScan2 can only be properly connected with Apple certified cases or without a cell phone protection case.

4.2.2 Visualization of the Country Code

- In the upper right corner of the "Center" mask there is a gear (see ①).
- Touching this graphic opens a window in which you can vary the visualization of the country code.
- Use the slider to change the output format. The lower RFID number represents the current output format. (see ② and ③)

Note: In this setting the current screen orientation depends on whether the ANYiScan2 is connected to the Apple device or not.

4.3 Reader

4.3.1 Reading RFID numbers

Note: The RFID number can only be read after successfully connecting the ANYiScan2. How to connect your ANYiScan2 correctly is described in "4.2.1 Start*".*
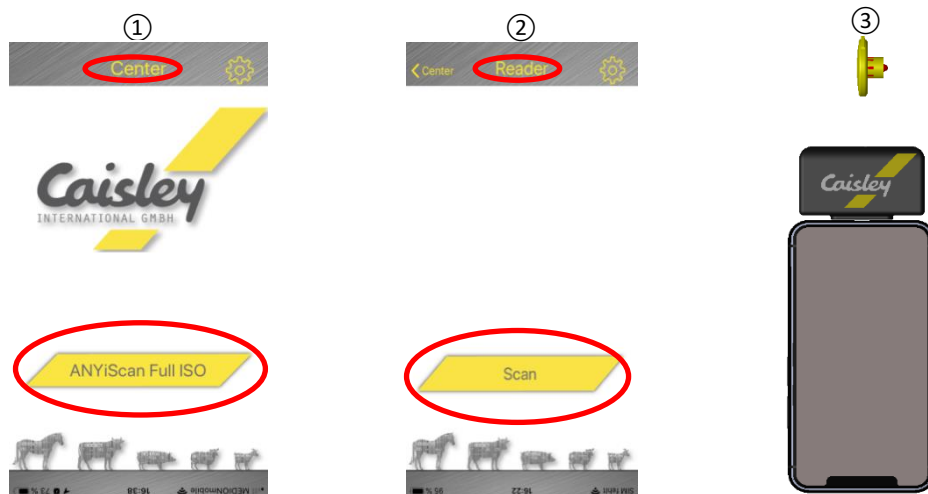
- From the mask "Center" you get to the mask "Reader" by touching the button "ANYiScan Full ISO" (see ①)
- The app switches to the "Reader" mask and the "Scan" button appears (see ②).

  Point the ANYiScan2 at an RFID transponder and start the reading process by tapping the "Scan" button (see ②)
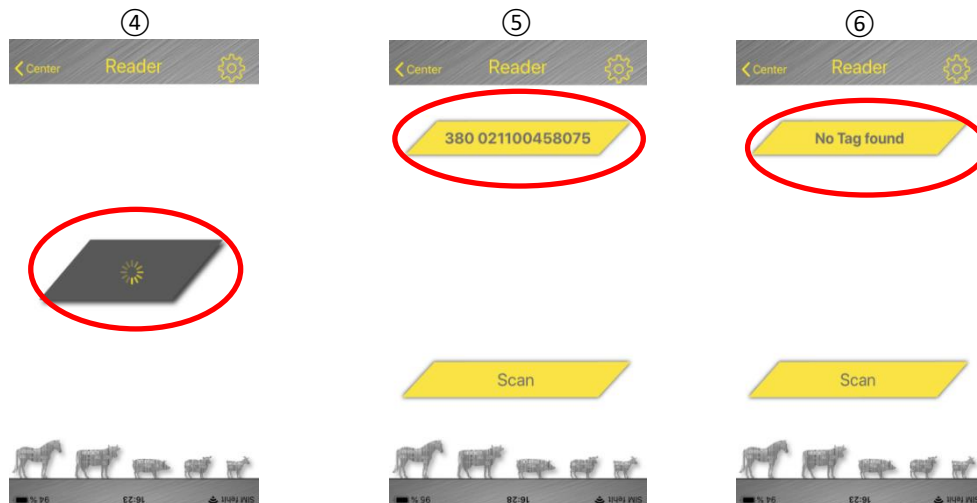
  Note: The ANYiScan has a range of 3-8cm depending on the transponder used. The position of the RFID transponder in relation to your ANYiScan2 has a big influence on the range. The recommended arrangement can be seen in the picture ③.
- A wait symbol is displayed while the transponder is being read (see ④).
- If a transponder is found, a signal tone plays and the read number appears in the display (see ⑤).

  Note: To hear the signal tone, the volume of the Apple device must be turned on. For instructions on how to do this, please refer to the user manual of your Apple device.
- If the same number is read out again, a different signal tone is played.
- If no transponder is found the error message "No Tag found" is displayed (see ⑥).
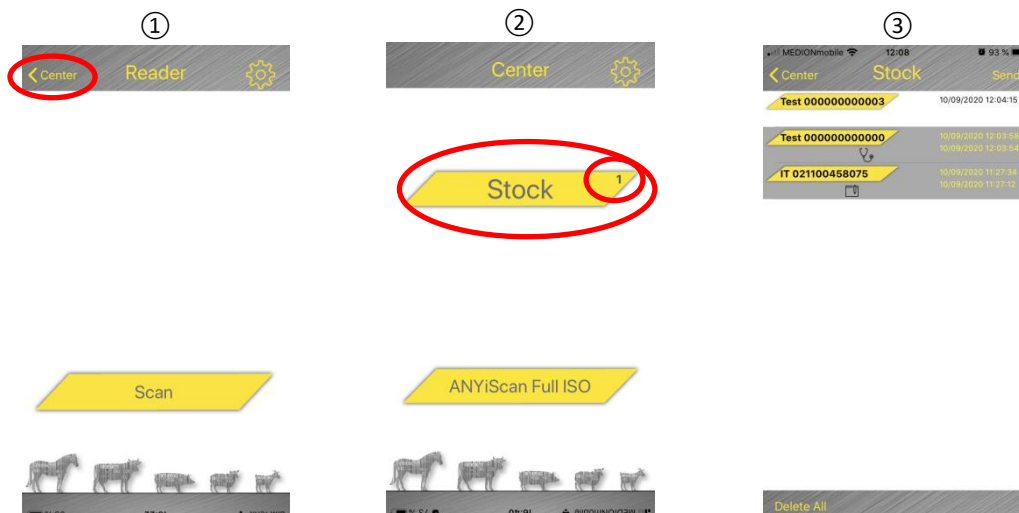
④ ⑤ ⑥

4.4 Stock

4.4.1 Storage of read numbers

To display all read numbers after scanning, use the arrow button in the upper left corner to go back to the "Center" mask (see ①).

- In addition to the "ANYiScan Full ISO" button, there is a "Stock" button as soon as a read number is in memory. The number on the top right of the Stock button indicates how many transponder numbers are in storage. (see ②)
- By tapping the "Stock" button, you can access the storage (mask "Stock"). Here all read numbers are listed (see ③).
- The transponder number is shown in the yellow bar, to the right of it the date and time of the reading is displayed. If a transponder number has been read twice the corresponding entry is highlighted in grey and the date and time of the last and penultimate reading are displayed. It is possible to store notes and treatments for a transponder number (see "4.4.4 Storing notes and treatments"). If notes or treatments are stored, the appropriate icon is displayed in the respective field (see ③).

Note: The orientation of the view in the "Stock" mask depends on whether a reader is connected or not. Rotate your Apple device to match the screen orientation.

① ② ③

4.4.2 Deleting the stored data

The data can be deleted in the "Stock" mask. How to access this mask was explained in chapter "4.4.1 Storage of read numbers".

There are two ways to delete entries from memory. Either you delete individual RFID numbers or you remove all RFID numbers.

- Delete individual entries:
  Individual entries are deleted by moving the entry to the left. If you drag this entry completely from right to left, it will be deleted and no longer appear in the view. If you only move the entry slightly to the left, you must confirm the deletion by pressing the "Delete" button.
- Delete all entries:
  To delete the entire list of RFID numbers in memory, use the "Delete all" button in the lower left corner of the "Stock" mask. After pressing this function, you will automatically return to the "Center" mask.
  Note: Deletion does not require confirmation. Deleted RFID numbers and the associated notes and treatments are deleted from memory and cannot be recovered. An RFID number can be returned to memory by rescanning. However, the notes and treatments remain deleted.
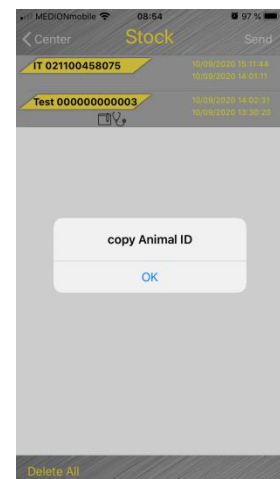
4.4.3 Copying a read number (for mobile use e.g. in other apps or on the Internet)

You can copy a single transponder number to use it in other apps or on the Internet.

To do this, go to the "Stock" mask. How to enter this mask was explained in chapter "4.4.1 Storage of read numbers".

- Long touch the number you want to copy.
- As soon as you let go, a dialog will appear asking you if you want to copy the number. Confirm this with OK.
- You can now paste the copied number into any text field (app, website, mail, etc.) by long pressing a certain text field.

4.4.4 Storing notes and treatments

In the ANYiScan App you have the possibility to store notes and treatments for each RFID number. There are two ways how to get to the mask "RFID number". The first possibility is the way via the mask "Stock":

To do this, go to the "Stock" mask. How to enter this mask was explained in chapter "4.4.1 Storage of read numbers".

- Touch the RFID number for which you want to store information (see ①).
- This will take you to the mask "RFID number". The title of the mask contains the read RFID number and the corresponding transponder type (FDX or HDX). (see ③)

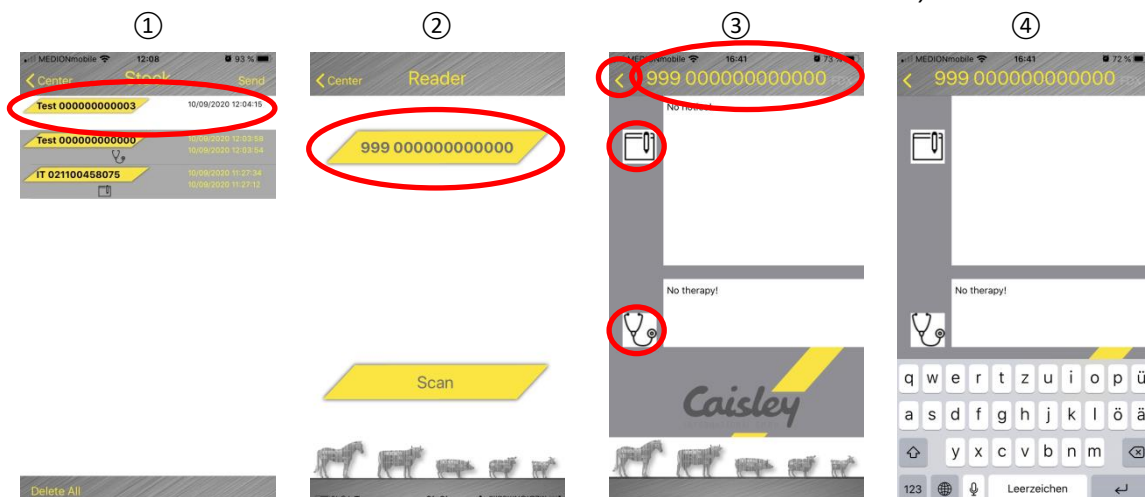The second possibility is via the mask "Reader":

- Go to the mask "Reader" and scan the desired transponder. How this works was described in "4.3.1 Reading RFID numbers".
- Now touch the corresponding field of the RFID number that has been read (see ②).
- This will take you to the mask "RFID number". The title of the mask contains the read RFID number and the corresponding transponder type (FDX or HDX). (see ③)

Note: The screen rotates as soon as you enter the "RFID number" mask and your reader is connected. This is necessary in order for you to be able to enter notes and treatments using your keyboard.

In the mask "RFID number" you can now enter your information. This works identically for notes and treatments .

- Touch the desired icon to add a note or treatment (see ③).
- You will now enter the text field and your keyboard will appear (see ④).
- Now store the desired information.
- To close the title block, click the icon again. Now you can enter something in another field or go back to your original mask.
- You can access the initial mask via the arrow button in the upper left corner (see ③).

Note: The information is saved. It is irrelevant whether you leave the title block by clicking the icon or the arrow button again. The stored notes and treatments are also sent by e-mail
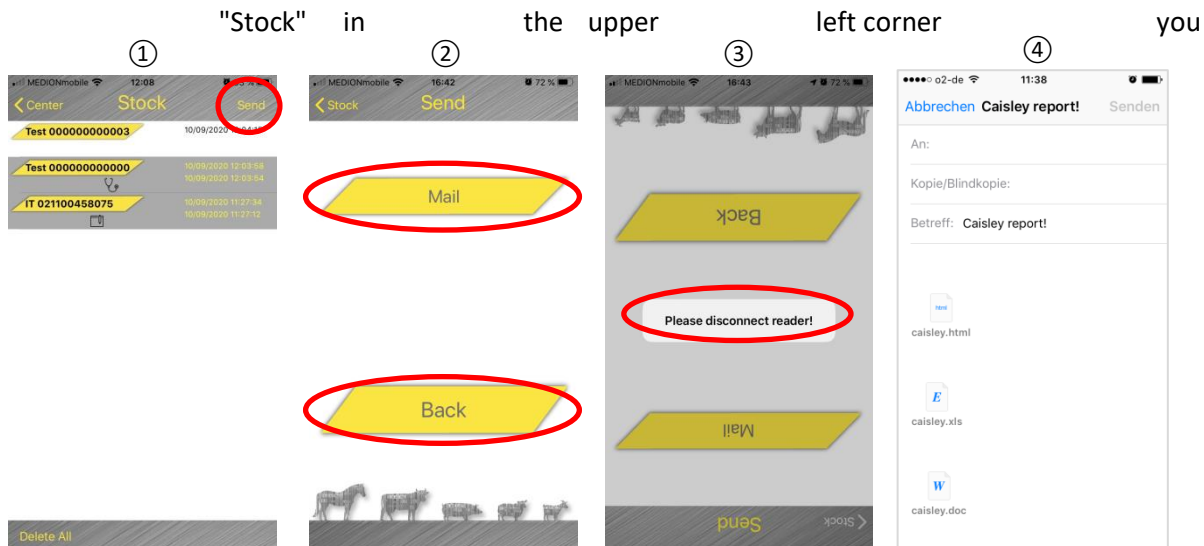
during the data transfer. However, if you delete an RFID number from your memory, you also delete all notes and treatments for this number.

4.5 Send

4.5.1 Transferring data from the storage

In order to transfer the number lists from the memory to a computer or other device, the data can be sent by e-mail. The transfer of the data from the memory is done from the "Send" mask.

- The transfer of data from the memory is done from the "Send" mask. To access this mask, touch the Send text in the "Stock" mask (see ①). How to enter this mask was explained in chapter "4.4.1 Storage of read numbers".
- If you are in the "Send" mask, you can send the saved data by touching the "Mail" button (see ②). To do this, the reader must be removed. If the ANYiScan2 is connected to your Apple device, a message will appear asking you to remove the reader (see ③).
- After pressing the button, you will be automatically redirected to your email app. A new e-mail will be opened in which your data is attached as a text file (.html), Excel file (.csv) and Word file (.doc). A subject ("Caisley report!") is also entered, so that you only have to enter the recipients e-mail address and send the e-mail. If required, you can enter a message in the message field (see ④).
- Once you have sent your data you can go back to the ANYiScan App. In the ANYiScan App you can return directly to the "Center" mask by pressing the "Back" button. If you touch the word "Stock" in the upper left corner you

①   ②   ③   ④

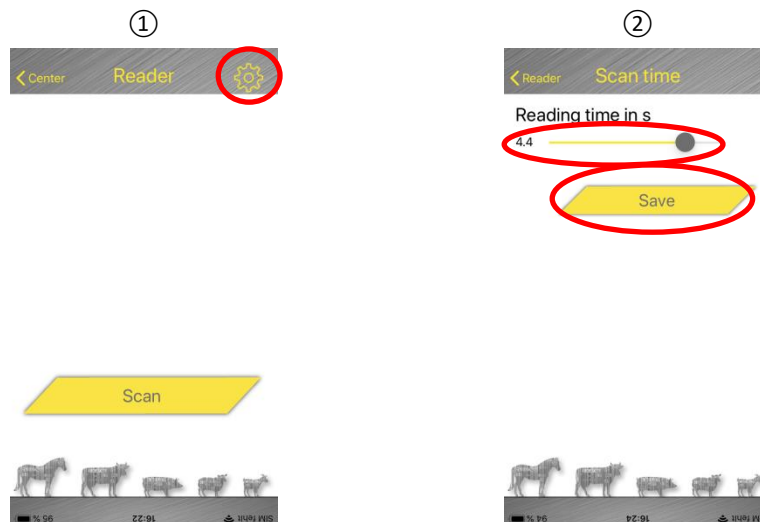will return to the "Stock" mask (see ②).

Note: An Internet connection is required for data transfer. The required internet connection may incur costs with your telephone / internet provider.

4.6 Scan Time

It is possible to adjust the readout time within a range of two to five seconds.

- Go to the mask "Reader". How to get into this mask was explained in "4.3.1 Reading RFID numbers".
- In the upper right corner of this mask you will find a gear wheel. Touch this to enter the "Scan time" mask (see ①).
- The readout time can be set by moving the slider. The set time can be seen to the left of the slider (see ②)
- Once you have set your desired readout time, press the "Save" button.
- Now you will be returned to the "Center" mask. Your settings have been saved successfully (see ②).
  Note: To adjust the Scan time, the reader must be plugged into the Apple device.

5 Other

5.1 Cleaning and Care

Your ANYiScan2 contains sensitive electronic components. Handle it carefully to avoid damaging the electronics and to avoid malfunctions.

- Make sure that your ANYiScan2 is disconnected from your Apple device before cleaning it.
- You can clean the surface of the device with a slightly moistened cloth (with water and a mild cleaning solution). Only use the device again when it is completely dry.
- Never use aggressive cleaning agents, thinners, petrol or strong brushes.
- Never spray the device with cleaning solutions.
- Do not immerse the ANYiScan2 in water. Do not allow water to enter the device. It is not waterproof. After cleaning, dry the device with a lint-free cloth.
- Do not store the device in dusty or dirty environments.

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5.2 **Notes on disposal**

This device must not be disposed together with household waste.

Every consumer is obliged to hand in all electrical appliances, whether they contain harmful substances or not, at a collection point in his town or in shops so that they can be disposed of in an environmentally friendly manner.

Packaging is reusable or can be returned to the raw material cycle. Please dispose any packaging material that is no longer required.

[§15.21] Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

 [§15.19] This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.